# COMMUNICATION S

# **Federal Communications Commission**

Approved by OMB 3060-0999 See instructions for public burden estimate.

# Hearing Aid Compatibility Status Report (FCC Form 655)

Reporting Period: January 1, 2017 - December 31, 2017 Filing Confirmation Number: 0008058216

Filing Deadline: January 16, 2018 FRN: 0010698868

Filing Date: 01/10/2018 03:06 PM

# **General Report Information**

# **Type of Company**

Service Provider

# **De Minimis Exception**

Did you offer any handsets to subscribers in the United States during the reporting period? Yes

Have you been offering handsets in the United States for at least three years prior to the end of the reporting period? Yes

Date that you began offering handsets in the United States

Are you a small entity? Yes

Were you a small entity at any time during the three years prior to the end of the reporting period?

Date that you ceased to be a small entity?

#### **Company Information**

Company Name: Bluegrass Wireless LLC Brand Names: Bluegrass Cellular

PO Box: 5012

Street Address: 2902 Ring Road City: Elizabethtown

State: KY

Zip Code: 42702-5012

Contact Name: Barry Nothstine Contact Phone: (270) 769-0339

Contact Fax:

Contact Email: barry@bluegrasscellular.com

#### Filing Agent

Is this report being filed by an agent on behalf of a manufacturer or service provider? Yes

Agent Name: Lukas, LaFuria, Gutierrez & Sachs, LLP

PO Box:

Street Address: 8300 Greensboro Drive, Suite 1200

City: McLean State: VA

Zip Code: 22102

Contact Name: Pamela L. Gist, Esq.
Contact Phone: (703) 584-8665
Contact Fax: (703) 584-8696
Contact Email: pgist@fcclaw.com

## **Product Labeling**

Do all hearing aid-compatible handsets include labeling? Yes

#### Explain

Do all hearing aid-compatible handsets that were tested under ANSI C63.19-2007, and that are capable of voice communication over any air interface or frequency band that does not have hearing aid compatibility technical standards under ANSI C63.19-2007, include the required language disclosing that the handset has not been rated for hearing aid compatibility with respect to such operation?

Yes

Explain:

Do all hearing aid-compatible handsets that were certified only under ANSI C63.19-2007, but that the manufacturer also tested and found not to meet hearing aid compatibility requirements under ANSI C63.19-2011 for one or more operations that are not covered under ANSI C63.19-2007, include language informing users by clear and effective means that the handset does not meet the relevant rating or ratings with respect to such operation(s)?

#### Explain:

Do all handsets that are capable of use for Voice over LTE, and that were certified for inductive coupling capability under ANSI C63.19-2011 without being tested for inductive coupling capability over VoLTE, include language disclosing that they were not tested with respect to this operation?

Yes

Explain:

Do all handsets that meet the criteria for an M3 rating by allowing the user to reduce the maximum power for GSM operation in the 1900 MHz band include the required disclosure?

Explain:

#### **Public Website**

Does your company maintain a public website describing all hearing aid-compatible models, the ratings of those models, and an explanation of the rating system? Service provider websites must include the levels of functionality that the service provider has defined, the level that each hearing aid-compatible model falls under, and an explanation of how the functionality of the handsets varies at the different levels.

Yes

Website address: https://bluegrasscellular.com/support/HAC/

Explain:

## **Consumer Outreach**

Describe consumer outreach efforts in the past 12 months: Compliant handset models are publicly identified for consumers and audiologists. Compliant models are listed on the company web site, and retail salespeople are trained to assist with compliant digital wireless phones. Compliant handsets are available for testing from live phone displays in retail locations. Written materials, pamphlets and other promotional literature are provided at the point of sale and on the website, addressing the needs of individuals with hearing disabilities. Consumers are given a 30-day trial period within which to try out digital wireless phones to determine whether they will work properly with their hearing aids.

## Methodology for Functionality Levels

PDAs or smartphones generally have advanced features such as expandable memory, enhanced camera, Bluetooth, video, Internet access, touch screen UI, faster processing, email, full QWERTY keypads, and in many cases Windows Office Mobile, to meet the demands of mobile business professionals and consumers. Mid-Tier Phones may have a camera, Bluetooth, or Internet access capability, but are less likely to offer video/music/media player capability. Design is typically less stylish and tends to be clamshell or flip form factor. Basic or Low-Tier Phones offer basic wireless telephone features. They may not have a camera, Bluetooth or Internet access capability, and generally lack such features MP3 players and expandable memory. They typically feature utilitarian designs suitable for customers using voice and text only, and they tend to be flip or bar form factor.

# **Report Remarks**

You have reported the following handset model summary information.

Total number of handsets offered: 41

Air Interface	Fully Hearing Aid Compatible Number Percent		Acoustic Coupling Compatible Only Number Percent		Non-Compliant Handsets Number Percent	Total by Air Interface
CDMA	40	98%	1	2%		41
LTE	35	100%	3			35
Wi-Fi	36	97%	1	3%		37

# Handset 1: Apple iPhone 5s

## **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 5s BCG-E2642A

## Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

# **Dates**

This handset model was offered from: 01/17 to 12/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 2: Apple iPhone 6

## **Handset Maker**

Apple

# Handset Model Name FCC ID

iPhone 6 BCG-E2816A

## Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

# **Dates**

This handset model was offered from: 01/17 to 02/17

## **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

# Handset 3: Apple iPhone 6+

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 6+ BCG-E2817A

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 01/17 to 02/17

#### **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

#### **Remarks**

# Handset 4: Apple IPHONE 6S

## **Handset Maker**

Apple

Handset Model Name FCC ID

IPHONE 6S BCG-E2946A

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 01/17 to 12/17

M-Rating: M3 T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# **Handset 5: Apple IPHONE 6S PLUS**

## **Handset Maker**

Apple

Handset Model Name FCC ID

IPHONE 6S PLUS BCG-E2944A

## Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

# **Dates**

This handset model was offered from: 01/17 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

# Handset 6: Apple iPhone 7

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 7 BCG-E3085A

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 01/17 to 12/17

#### **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

#### **Remarks**

# Handset 7: Apple iPhone 7 Plus

## **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 7 Plus BCG-E3087A

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 01/17 to 12/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 8: Apple iPhone 8

## **Handset Maker**

Apple

# Handset Model Name FCC ID

iPhone 8 BCG-E3159A

## Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

# **Dates**

This handset model was offered from: 09/17 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

# Handset 9: Apple iPhone 8 Plus

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 8 Plus BCG-E3160A

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 09/17 to 12/17

#### **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

#### Remarks

# Handset 10: Apple iPhone SE (A1662)

## **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone SE (A1662) BCG-E2945A

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 01/17 to 12/17

M-Rating: M3 T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for

**Functionality Level** 

emergency calls to 911?

PDA

Remarks

# Handset 11: Apple iPhone X

## **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone X BCG-E3161A

## Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

# **Dates**

This handset model was offered from: 11/17 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

# Handset 12: Kyocera DuraScout

#### **Handset Maker**

Kyocera

Handset Model Name FCC ID

DuraScout V65E6782

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 01/17 to 08/17

#### **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 13: Kyocera DuraXA

## **Handset Maker**

Kyocera

Handset Model Name FCC ID

DuraXA V65E4520

# Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

## **Dates**

This handset model was offered from: 01/17 to 12/17

M-Rating: M4 T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

Mid

## Remarks

# Handset 14: LG 170 Fluid 2

#### **Handset Maker**

LG

Handset Model Name FCC ID

170 Fluid 2 ZNFVN170

## Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 01/17 to 12/17

# **Ratings**

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

Basic

#### **Remarks**

# Handset 15: LG G4

#### **Handset Maker**

LG

Handset Model Name FCC ID

G4 ZNFVS986

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 01/17 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 16: LG G5

# **Handset Maker**

LG

Handset Model Name FCC ID

G5 ZNFVS987

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 01/17 to 08/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 17: LG G6

#### **Handset Maker**

LG

Handset Model Name FCC ID

G6 ZNFVS988

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

# **Dates**

This handset model was offered from: 05/17 to 12/17

## **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

# Handset 18: LG K20

## **Handset Maker**

LG

Handset Model Name FCC ID

K20 ZNFVS501

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 08/17 to 12/17

#### **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 19: LG K8

# **Handset Maker**

LG

Handset Model Name FCC ID

K8 ZNFVS500

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 01/17 to 10/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 20: LG V10

#### **Handset Maker**

LG

Handset Model Name FCC ID

V10 ZNFVS990

## Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

# **Dates**

This handset model was offered from: 01/17 to 10/17

## **Ratings**

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

# Handset 21: LG V20

## **Handset Maker**

LG

Handset Model Name FCC ID

V20 ZNFVS995

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 01/17 to 12/17

#### **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

#### **Remarks**

# Handset 22: LG V30

## **Handset Maker**

LG

Handset Model Name FCC ID

V30 ZNFV30A

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 10/17 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 23: Motorola Moto X (2nd Gen)

#### **Handset Maker**

Motorola

Handset Model Name FCC ID

Moto X (2nd Gen) IHDT56QA2

## Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

# **Dates**

This handset model was offered from: 01/17 to 12/17

## **Ratings**

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

# Handset 24: Motorola Moto Z2 Play

#### **Handset Maker**

Motorola

Handset Model Name FCC ID

Moto Z2 Play IHDT56WA1

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 10/17 to 12/17

#### **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 25: Motorola X Play XT1564

## **Handset Maker**

Motorola

Handset Model Name FCC ID

X Play XT1564 IHDT56UB1

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 01/17 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 26: Motorola Z2 Force

#### **Handset Maker**

Motorola

Handset Model Name FCC ID

Z2 Force IHDT56WB1

## Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

# **Dates**

This handset model was offered from: 10/17 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

# **Handset 27: Samsung Core Prime**

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Core Prime A3LSMG360V

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 01/17 to 06/17

#### **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 28: Samsung Galaxy Note 8

## **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy Note 8 A3LSMN950U

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 10/17 to 12/17

M-Rating: M4 T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 29: Samsung Galaxy S 3

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S 3 A3LSCHi535

## Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 01/17 to 04/17

# **Ratings**

M-Rating: M4

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

Mid

#### Remarks

# Handset 30: Samsung GALAXY S6

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

GALAXY S6 A3LSMG920V

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

## **Dates**

This handset model was offered from: 01/17 to 08/17

# **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

#### Remarks

# Handset 31: Samsung Galaxy S7

# **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S7 A3LSMG930US

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 01/17 to 12/17

M-Rating: M4 T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 32: Samsung Galaxy S7 Edge

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S7 Edge A3LSMG935US

## Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

# **Dates**

This handset model was offered from: 01/17 to 12/17

## **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

# Handset 33: Samsung Galaxy S8 Plus

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S8 Plus A3LSMG955U

## Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 04/17 to 12/17

#### **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 34: Samsung J3

## **Handset Maker**

Samsung

Handset Model Name FCC ID

J3 A3LSMJ327V

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 07/17 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 35: Samsung Note 5

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Note 5 A3LSMN920V

## Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

# **Dates**

This handset model was offered from: 01/17 to 08/17

## **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

# Handset 36: Samsung R480

## **Handset Maker**

Samsung

Handset Model Name FCC ID

R480 A3LSCHR480C

# Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

## **Dates**

This handset model was offered from: 01/17 to 12/17

# **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

Basic

#### Remarks

# Handset 37: Samsung S8

## **Handset Maker**

Samsung

Handset Model Name FCC ID

S8 A3LSMG950U

## Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

## **Dates**

This handset model was offered from: 04/17 to 12/17

M-Rating: M4 T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 38: SONIM XP3405 Shield

#### **Handset Maker**

**SONIM** 

Handset Model Name FCC ID

XP3405 Shield WYPC21F007AA

## Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 01/17 to 05/17

# **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

Mid

#### **Remarks**

# Handset 39: SONIM XP5

#### **Handset Maker**

**SONIM** 

Handset Model Name FCC ID

XP5 WYPL23V013AA

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 07/17 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 40: SONIM XP7

# **Handset Maker**

**SONIM** 

Handset Model Name FCC ID

XP7 WYPL22V012AA

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 01/17 to 12/17

M-Rating: M4 T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**PDA** 

## Remarks

# Handset 41: Unimax 670 Bravo

#### **Handset Maker**

Unimax

Handset Model Name FCC ID

670 Bravo U46-001

## Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 01/17 to 12/17

# **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**Basic** 

# Certification

# This Report has been certified by:

Barry Nothstine Vice President, Sales and Marketing 01/10/2018 03:06 PM